

ABSTRACT OF THE DISCLOSURE

A weight member for a golf club head is made of a WFeNi alloy by a precision casting process. The WFeNi alloy includes wt 15%-40% of iron, wt 30%-60% of nickel, wt 15%-30% of tungsten, wt 1.5%-10.0% of chromium, 5 and wt 0.5%-5.0% of molybdenum. Chromium improves the rust-resisting property of the weight member. Molybdenum reduces the risk of cracks in the weight member during welding. Uniformity of shining finishing of the weight member can be improved by controlling a mixture ratio of nickel to tungsten. Manganese, copper, vanadium, and niobium may be added to improve the 10 mechanical properties of the weight member.